U.S. Serial No. 10/023,238 - Page 2

LISTING OF CLAIMS

1-11 (canceled)

12. (currently amended) A robot rack loading apparatus for temporary rack storage of vehicular panel assemblies, the apparatus comprising:

a rack for storage of multiple panel assemblies, the rack including side and bottom plastic dunnage molded to a supporting back that is coupled to the rack, the side and bottom dunnage having slots for receiving individual assemblies;

a tool mountable on a robot arm and adapted for sequentially carrying individual assemblies for loading into the rack; and

a lockable compliant support between the robot arm and the tool, the lockable compliant support having a compliant mode and a locked mode, wherein the tool moves relative to the robot arm in the compliant mode in response to self-adjustment of the individual assemblies position assemblies position assemblies positions during placement of the individual assemblies into the slots.

13. (currently amended) A robot rack loading apparatus comprising:

a rack that includes a plurality of plastic dunnage members, each having a slot for receiving a vehicular panel assembly, wherein each of said dunnage members is formed of plastic and molded to a supporting back;

a tool mountable on a robot arm that carries said vehicular panel assembly for loading into said rack; and

a lockable compliant support between said robot arm and said tool, said lockable compliant support having a compliant mode and a locked mode, wherein said tool moves in at least two directions relative to said robot arm in said compliant mode in response to self-adjustment of a vehicular panel assembly assembly's position during placement of said vehicular panel assembly into said slot.